

TO: MAYOR AND MEMBERS OF TOWN COUNCIL

**FROM:** BOB FLETCHER, ATM ENGINEERING

**SUBJECT:** ENGINEERING UPDATE

**DATE:** OCTOBER 12, 2010

CC: ANTHONY W. BARRETT, TOWN MANAGER

## **Facilities/Asset Management Update:**

- Completed move into new Building & Grounds facility
- Held Facilities ribbon cutting ceremony September 24, 2010
- Completed maintenance on four (4) significant ditches
- · Started asbestos remediation on old Building & Grounds facilities
- Continue preparations for 2010 Christmas Parade
- Met with Self Help architect regarding alternative site

## **Engineering Update:**

- Fletcher & Ayers participated in Traffic Impact Fee Workshop with Beaufort County & Growth Management
- Ayers & Freeman attended the MASC Regional Advocacy Meeting covering legislative & outreach issues of interest to municipalities
- Budak & Ayers participated with other departments in the May River Clean-Up
- Ayers & Jarrett provided support to Growth Management on three projects requiring land acquisition
- Submitted CDBG grant application for BIS sidewalks, sewer & water, and related infrastructure
- Started Maiden Lane sewer household connections

## **CIP Update:**

#### **Old Town Improvements**

#### May River Road/Bruin Road Streetscape: Construction Phase

- Property transfer for pedestrian rest area should be completed soon
- Final payment made to APAC
- Surveying property at 1264 May River Road and surrounding properties

#### **Wayfinding Signage: Design Phase**

- Final designs completed and accepted
- Continuing to work through SCDOT process and other required approvals
- Grant extension approved through July 2012

## **Town Facilities**

#### **Law Enforcement Center: Construction Phase**

- Started exterior brick, continued building work including mechanical trades and interior framing
- Continued site work including conduits and curb

## **Buildings & Grounds Relocation: Construction Phase**

- Staff has moved in and operating from new Facility
- Ribbon cutting ceremony held September 24<sup>th</sup>. Project is complete

## Sewer & Water

## **Buck Island Sewer (Phase 1): Construction Phase**

- Contractor over 90% complete on all infrastructure
- · Performing testing, grading, clean-up tasks
- Coordinated with County on Ballfield Road paving

## **Buck Island Sewer (Phase 2): Design Phase**

- Released RFP for appraisals and review appraisals
- Met with additional landowners for easements and questions & answers

## **Buck Island Sewer (Phase 3): Conceptual Phase**

 Met with Engineer to map alternative phasing approaches and extensions to original concept, including coordination with BJWSA on adjacent infrastructure

# **Old Town/Maiden Lane Sewer: Design/Construction Phase**Bruin Road:

Continuing to work with citizens who have not yet connected to sewer

#### Maiden Lane:

- Contract awarded for sewer connections on Maiden Lane
- Work has started and should be completed by the end of October

#### Stormwater-Small Projects: Design/On Going Construction Phase

 Four (4) projects completed; List of new projects being compiled to bid out in October

#### **Verdier Cove Drainage Basin: Implementation Phase**

 Met with County and provided supplemental information to support their evaluation regarding lowering equalization piping

#### **Buckwalter Place Drainage: Design/Engineering**

- Working on the final version of the contract with the engineer now
- Beaufort County has agreed to do the preliminary survey field work for us to help save money for all parties

## **Park Development**

## Parks & Recreation Improvements:

- Completion of sign design awaiting approval to use 2 images
- Once approval is granted, can go out for bids on signs

## **Oyster Factory Park: Implementation Phase 1**

- Wharf Street improvement project underway: Boat launch to be completed by September 28th; Raintank installed, bluff stabilization still getting quotes on landscaping
- Road, swale and rest of project to be completed by October 31st

## **DuBois Park: Concept Phase**

- HPC approved demo of old Building & Grounds facilities
- Holding further conceptual development until building demo is complete

#### **Pathways**

## **New River Trail Head: Design Phase**

- Construction underway. Target completion mid October (weather permitting)
- Experienced a few delays due to rain and resulting wet conditions

#### **Buckwalter Place Greenway Trail: Design Phase**

- Completed plans received from design consultants on September 17<sup>th</sup>
- · Plans to go to DRC for approval, then out for bids

#### **Buck Island/Simmonsville Pathway: Concept Phase**

- Grant submitted to fund northern sections of pathway
- Awaiting reconstruction of sidewalk on Buck Island south of New Mustang Drive

#### **Attachments:**

1. Verdier Cove Drainage Basin

## Verdier Cove Drainage Basin Action Items Update 9-24-2010

Number	Activity	Status)
1	Remove sections of the logging road in B-11	Complete
2	Survey Bluffton Park Lagoons (B-9, B10 & B-5)	Complete: Lagoons constructed per design documents
3	Verify flow south of Hidden Lakes	Complete: Thomas & Hutton confirmed flow moves south into B-11 where historical flow is to the north
4	Perform Ditch Maintenance	Completed from 278 south to Red Cedar and into B-11     Continuing visual monitoring     Provided additional data to County regarding adjusting equalization pipes at Red Cedar and Bluffton Parkway
5	Temporarily block flow from B-11 into Teardrop Lagoon	Complete
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5 6	Temporarily block flow from B-11 into Teardrop Lagoon  Supplemental Measurements	Complete  Complete: Report submitted March 16, 2010
6	Supplemental Measurements  Lower operating levels of B-9, B-10 & B-5 to planned	Complete: Report submitted March 16, 2010
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